

# **DIVISION OF WATER AND SEWER UTILITIES**

## **PRESENTATION TO DATA CENTERS WORKGROUP**

---

**JANUARY 10, 2024**  
**6:00 PM**



Division of Water and Sewer Utilities

# Introductions

---

- **Mark Schweitzer – Director**
- **Rodney Winebrenner – Deputy Director**



# Overview

---

- **Growth Pays for Growth**
- **MDE Consumptive Use Regulations**
- **Frederick County Non-Potable Water Supplies**
- **Quantum Loophole Project**
- **Questions**



# Growth Pays for Growth

---

- **Development funds both onsite and offsite required water and sewer infrastructure improvements**
  - Residential developments are much more common than Commercial developments
- **Adequate Public Facility Ordinance (APFO) Process**
  - Water and Sewer demand estimates are provided
  - Developer proffers required improvements in an APFO Letter of Understanding (LOU)
- **Capacity Tracking**
  - 'Scorecard'
  - First test is at Site Plan
  - Second test is at Building Permit Stage



# MDE Consumptive Use Regulations

---

## COMAR 26.17.07.02

### Consumptive use of Surface Water in the Potomac River Basin

- Impacts the approval of Water and Sewer Plan Amendments by MDE and MDP
- Applicable to consumptive use (single or combined) in excess of 1 MGD
- Applies to both Water and Wastewater
- Requires a Low Flow Augmentation Plan incorporating 1 of 3 Alternatives
  - Halt the Consumptive Use
  - Reduction of Consumptive Use Below 1 MGD
  - Low Flow Augmentation – Provision of water through development of water storage facilities or purchase of storage space in existing facilities



# Frederick County Non-Potable Water Supplies

---

- Ballenger-McKinney WWTP currently discharges ~ 7.5 MGD treated effluent
- Some County-owned infrastructure currently in place to support the use of reclaimed wastewater for industrial purposes
- Subject to MDE Consumptive Use Regulations and Permitting
- Developer must fund, design and construct required improvements



# Frederick County Non-Potable Water Rates

---

- **Ordinance 08-09-485, May 2008**
- **Non-Potable Water Rates**
  - 60% current residential Ready to Serve (RTS) quarterly charge
  - 60% commodity usage quarterly charge based on Tier 3 water rates



# Quantum Loophole Project

---

- **Quantum Loophole**
  - Commercial Development
  - APFO LOU currently caps potable cooling water usage at 1.1 MGD max day
  - Separate cooling water infrastructure to allow switch to non-potable water supply later



# Questions?



- **Mark Schweitzer**
  - [MSchweitzer@FrederickCountyMD.gov](mailto:MSchweitzer@FrederickCountyMD.gov)
- **Rodney Winebrenner**
  - [RWinebrenner@FrederickCountyMD.gov](mailto:RWinebrenner@FrederickCountyMD.gov)